

Special Issue

Biogas Technologies: Converting Waste to Energy

Message from the Guest Editors

This Special Issue on “**Biogas Technologies: Converting Waste to Energy**” brings together the latest research and technological breakthroughs in biogas production, utilization, and system integration. We invite contributions on topics including, but not limited to, the following:

- Innovative anaerobic digestion technologies and reactor design;
- Optimization of feedstock utilization and co-digestion strategies;
- Innovative biogas upgrades and purification for biomethane production;
- Techno-economic and life cycle assessments of biogas systems;
- Integration of biogas production with industrial and agricultural processes;
- Policy, regulatory, and socio-economic aspects of biogas deployment;
- Circular bioeconomy and sustainable waste-to-energy solutions;
- Biogas technology involving 4IR.

We welcome original research articles, reviews, and case studies that contribute to the advancement of biogas technologies and their role in sustainable energy transitions.

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You are invited to contribute either a research article or a comprehensive review for consideration and publication in *Processes* (ISSN 2227-9717). *Processes* is published in open access format – research articles, reviews, and other content are released on the internet immediately after acceptance. The scientific community and the general public have unlimited, free access to the content. As an open access journal, *Processes* is supported by the authors and their institutes through the payment of article processing charges (APCs) for accepted papers. We would be pleased to welcome you as one of our authors.

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